a bobit publication September '83

Metro

Metropolitan
mass transit leader since 1904

C1575-3 9 tables

SPECIAL EDITION

SD

FACT BOOK

Featuring

Industry Directory
Industry Statistics
The GMC Story

september '83 a bobit publication vol. 79 no. 5

Metro

Metropolitan
Serving Surface
Mass Transportation Since 1904

Affiliated Publications: School Bus Fleet, Automotive Fleet, Contemporary Surgery, Contemporary Orthopaedics, Limousine & Chauffeur, Waterbed

Bus Transit (Seattle Metro)

Rail Transit (Baltimore/MTA)

Intercity (Eagle Model 10)

Special Feature

"GMC's 75th Anniversary"

18 The GMC Story
22 The GMC Transit Maintenance Seminar
24 Down The RTS Assembly Line
26 The Parts Connection
28 GMC Parts, Training, and Service Centers
30 A Dialogue With Ed Stokel

Directory

34 Index
37 Bus Manufacturers
49 Bus Services
55 Components & Systems
103 Consultants & Services
113 Chassis Manufacturers
117 Fare Collection
123 Rail Car Manufacturers
127 Seating Manufacturers
133 Tire Manufacturers
137 Late Listings
139 Industry Statistics

Departments

Industry News 5
Calendar 14
Consultant's Corner 145
Classified 147
Ad Index 149
Editor's Perspective 150

Member: american public transit association

business publication audit, inc.

METROPOLITAN (USPS 343-700) is published seven times a year (January, March, May, July, September, November, Fact Book) by Bobit Publishing Company. The contents of this publication may not be reproduced either in whole or in part without consent of Bobit Publishing Company. Please address ALL correspondence to the Editorial and Executive Offices at 2500 Artesia Boulevard, Redondo Beach, California. Subscription Prices — $12 per year; $20 for two years. Single copy $2, $10 for Fact Book. Canada and Foreign—$18 per year, $30 for two years. Second Class Postage paid at Redondo Beach, CA 90277-9996 and at additional entry. POSTMASTER: Return Form 3579 to 2500 Artesia Blvd., Redondo Beach, California 90278.

Industry Statistics

UMTA Capital Grant Approvals To Urbanized Areas With Multi-Modal Systems 1965 through 9/30/82

Urbanized Area by population rank	Bus Transit	Rapid Transit	Commuter Rail	Miscellaneous	Total
New York-New Jersey Connecticut	$521,140,839	$2,255,675,696	$1,416,004,273	$ 39,153,398	$ 4,231,974,206
Los Angeles	532,892,120	46,074,400	—	9,995,600	588,962,120
Chicago	332,360,356	775,474,020	534,708,595	—	1,642,542,971
Philadelphia	189,495,795	481,382,133	534,843,747	—	1,205,721,675
Detroit	161,053,114	6,742,880	11,148,984	34,927,004	213,871,982
San Francisco-Oakland	215,219,300	579,379,654	24,089,400	58,659,063	877,347,417
Boston	145,738,990	1,741,266,447	167,711,685	—	2,054,717,122
Washington, D.C.	197,114,679	2,110,750,233	14,509,560	—	2,322,374,472
Cleveland	94,562,507	231,285,279	—	—	325,847,786
Pittsburgh	215,330,543	254,890,464	7,493,776	22,639,100	500,353,883
Minneapolis-St. Paul	122,627,602	—	—	1,068,400	123,696,002
Houston	100,453,000	—	—	761,800	101,214,800
San Jose	85,050,687	2,000,000	—	—	87,050,687
Baltimore	90,166,455	625,330,720	—	—	715,497,175
Dallas	63,781,382	—	—	7,635,540	71,416,922
Seattle-Everett	194,064,399	1,000,000	—	16,894,648	211,959,047
Miami	99,574,535	669,524,240	—	39,124,080	808,222,855
Atlanta	87,058,374	939,579,441	—	—	1,026,637,815
Buffalo	49,085,381	369,800,000	—	—	418,885,381
New Orleans	89,365,462s	500,000	—	22,657,160	112,522,622
Portland, OR	110,255,368	87,681,553	—	—	197,936,921
Jacksonville	26,057,590	—	—	1,500,000	27,557,590
San Juan, PR	53,677,827	—	—	3,569,374	57,247,201
Honolulu	50,594,342	2,000,000	—	—	52,594,342
Chattanooga	5,555,423	—	—	1,079,616	6,635,039
Morgantown, WV	—	—	—	68,532,628	68,532,628
Saulte Ste. Marie	—	—	—	1,070,000	1,070,000
Woods Hole, MA	—	—	—	1,392,584	1,392,584
Johnstown, PA	4,710,297	—	—	210,000	4,920,297
TOTALS	$3,836,986,367	$11,180,337,160	$2,710,510,020	$330,869,995	$18,058,703,542

*Note: Light rail grants are included in rapid transit and trolley-coach grants in bus.

Source: Urban Mass Transit Administration

SAVE TIME & MONEY with the MOBILPAGE® 470C

MOTOR COACH SOUND SYSTEM FOR TRANSIT, CHARTER AND TOUR SERVICE

The Mobilpage 470C sound system is a profit producing device you need on every bus in your fleet. It saves valuable time by announcing stops and transfer points so passengers will be ready to leave the coach quickly and efficiently. Passengers can relax appreciating this thoughtful convenience.

A flush mounted outside speaker by the step-well permits the driver to speak directly to waiting passengers, again saving valuable time.

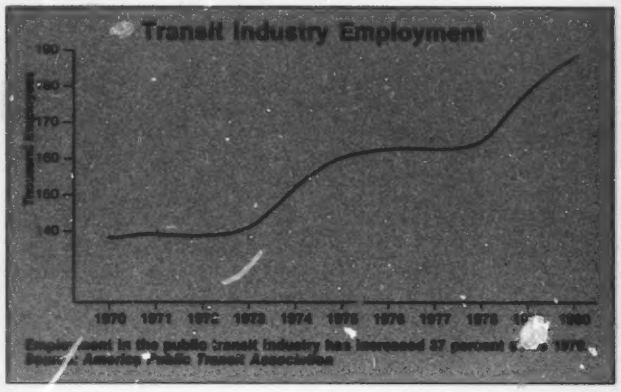
Mobilpage systems are in use on more than 20,000 coaches. Their dependability has earned them the reputation as the standard of the industry, your best guarantee of complete satisfaction.

Call or write for information.

Midwest Electronic Industries, Inc.

4945 West Belmont Avenue • Chicago, Illinois 60641
(312)685-3500

Circle 165 on METRO Action Card



Employment in the public transit industry has increased 37 percent since 1970.
Source: American Public Transit Association

Trend of Transit Employment

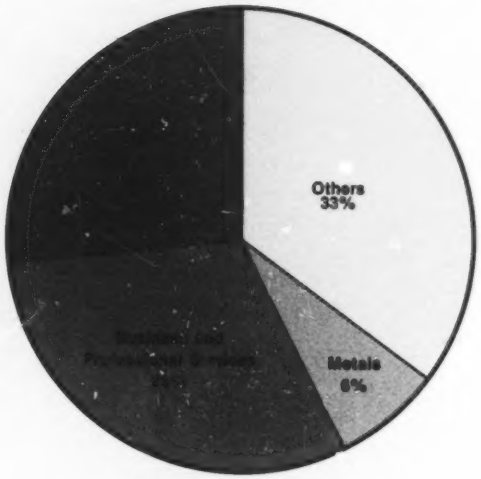
CALENDAR YEAR	AVERAGE NUMBER OF EMPLOYEES
1940	203,000
1945	242,000
1950	240,000
1955	198,000
1960	156,400
1965	145,000
1970	138,040
1971	139,120
1972	138,120
1973	140,700
1974	153,100
1975	159,800
1976	162,950
1977	162,510
1978	165,400
1979	178,750 *
1980	189,300 *
1981	193,960 *
1982	196,900 *

* employment growth greatest among part time workers.

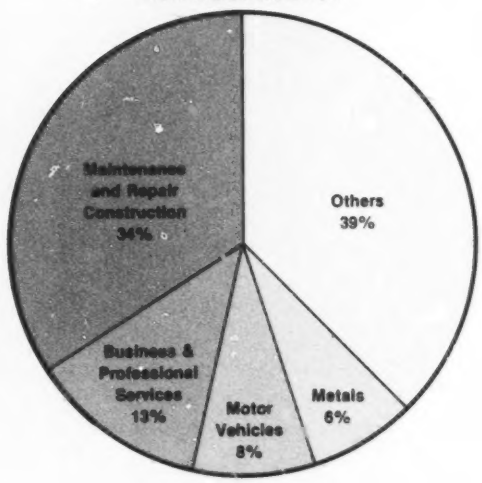
Source: American Public Transit Association

Direct Employment Impacts on Major Industry Group From Transit Capital Investments

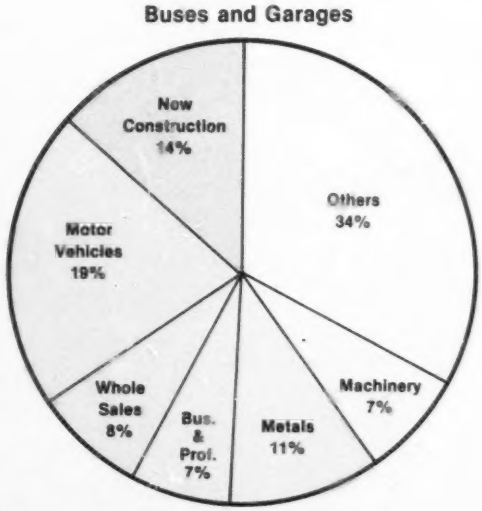
New Rail Starts



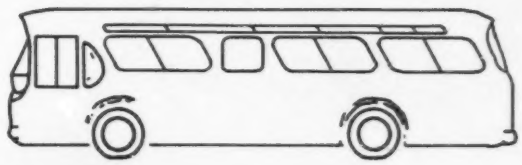
Rail Modernization



Buses and Garages



Source: American Public Transit Association



CUT EXPENSIVE REPLACEMENT COSTS

With LUCITE® SAR abrasion resistant acrylic bus windows from almac plastics

Vandalism & Safety — almac's abrasion resistant windows have proven to be 10 to 15 times stonger than glass. They resist breakage and splintering.

Washing & Weathering — almac windows stand up under years of mechanical brush washings, remaining crystal clear and distortion free because of their chemical and abrasion resistant qualities.

Lightweight — almac windows reduce total bus window weight 50% thereby *reducing fuel consumption.*

Climate Control — Solar tints exclude up to 80% of the sun's energy, thus *reducing overall heating and air-conditioning costs.*

Formed rear windows are available on all GMC models. **almac** bus windows comply with FMVSS (Federal Motor Vehicle Safety Standard) No. 205 and 217, ANSI Z26.1, certified by AAMVA.

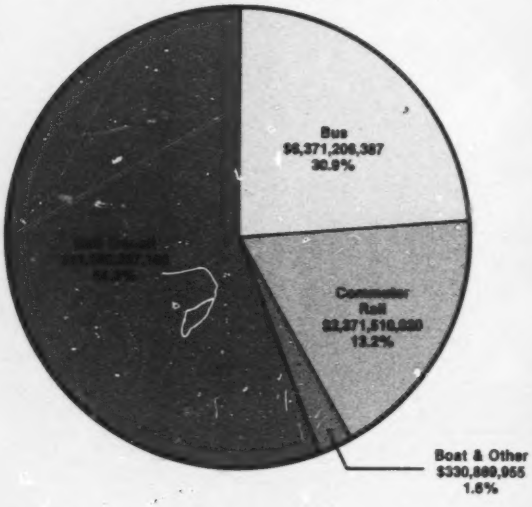
almac plastics inc.

FABRICATION DIVISION
101-10 FOSTER AVENUE, BROOKLYN, N.Y. 11236
(212) 257-4444
800 221-0986 (except NY State)
Circle 166 on METRO Action Card

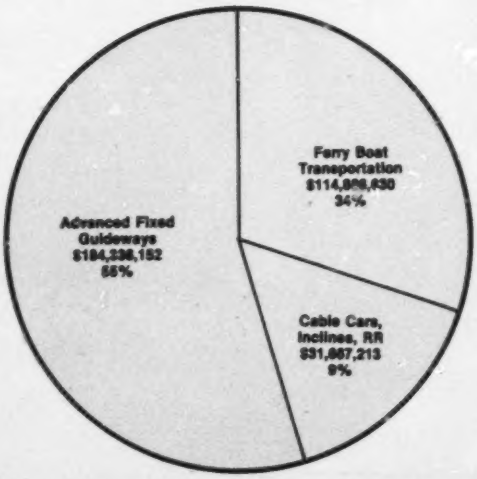
UMTA Funded Transit Vehicles
— all types of transit vehicles —
1965 through 9/1/82

51,231	buses
3,836	rapid transit cars
571	light rail transit cars
1,422	electric MU cars
477	commuter railcars — diesel hauled
127	diesel locomotives
16	ferry boats
2	incline railcars
57,652	

Cumulative Federal Capital Grants By Mode
1965 to 9/30/82



Capital Grant Funding
For Other Than Bus & Rail
1965 to 9/30/82



Source: Urban Mass Transit Administration

FROM PARIS TO PITTSBURGH

Whether for the world's fastest train, the French national railroad's TGV, or for PCC trolley cars in Pittsburgh our rail trucks are produced by the most modern manufacturing process and backed by more than a hundred years of railroad experience.

We design and manufacture high-quality fabricated steel trucks for all passenger railroad and transit applications, including light and heavy rail vehicles, commuter cars, rail diesel cars, intercity passenger cars and locomotives.

CL Rail Trucks, Inc.
1225 Nineteenth Street, NW
Washington, D.C. 20036
Telephone (202) 887-0352

Circle 168 on METRO Action Card